

3/Pre-B
AR.
02/11/99

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

JOHN BROWSE
LUIS PEREZ GRAU
ANTHONY J. KINNEY
JOHN W. PIERCE, JR.
ANNA M. WIERZBICKI
NARENDRA S. YADAV

CASE NO.: BB-1036-B

APPLN. NO.: UNKNOWN

GROUP ART UNIT: UNKNOWN

FILED: CONCURRENTLY HEREWITH

EXAMINER: UNKNOWN

FOR: FATTY ACID DESATURASE GENES
FROM PLANTS

Date: DECEMBER 23, 1998

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Preliminary Amendment

This is submitted to facilitate prosecution of the above-identified application.

In the Claims

Kindly cancel claims 2-19.

Kindly add the following new claims:

20. An isolated nucleic acid fragment which is useful in antisense inhibition or sense suppression of endogenous desaturase activity in a transformed plant wherein said isolated nucleic acid fragment hybridizes to one of the nucleotide sequences set forth in SEQ ID NOS:1, 3, 5, 7, 9, 11, and 15 or any portion thereof under one of the following sets of conditions:

(a) hybridization in 50 mM Tris, pH 7.6, 6X SSC, 5X Denhardt's, 0.5% sodium dodecyl sulfate (SDS), 100 µg denatured calf thymus DNA at 50°C overnight and wash with 6X SSC, 0.5% SDS at room temperature for 15 min, repeat with 2X

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"EXPRESS MAIL" MAILING LABEL NUMBER EE353045470US

I hereby certify that this paper or fee is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" Service under 37 C.F.R. 1.10 in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on this date.

Diane M. Dick
Diane M. Dick

12/23/98
Date

B'
CONF.
Sub
C2